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BOROUGH OF WORKSOP
1937.

ANNUAL REPORT

of the Medical Officer of Health,

T. C. GARRETT, M.B., C.M.,

including the

REPORT of the **SANITARY INSPECTOR,**

T. H. MILLAR, M.R.San.I., A.M.Inst.P.C.





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REPORT FOR THE YEAR 1937.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF WORKSOP.

Gentlemen,

I beg to submit my Annual Report on the Health and
Sanitary Conditions of the District for the year 1937.

I have the honour to be,

Your Obedient Servant,

T. C. GARRETT,

Medical Officer of Health.

June 20th, 1938.

B O R O U G H O F W O R K S O P

MAYOR

Alderman G.H.M.Turner, Esq. J.P.

HEALTH AND SEWERAGE COMMITTEE

Chairman: Alderman J.H. Saxton

Vice-Chairman: Alderman J. Gabbitas

Alderman H.Hartland, and Councillors H.Adwick, G.Allison, T.W.Coggan,
W.H.Curr, G.Fern, E.Harris, E.J.Hewitt, T.Tough and W.E. Woodward

HOUSING COMMITTEE

Chairman: Alderman J.Gabbitas.

Vice-Chairman: Councillor W.H.Curr

Alderman T.Fullard, and Councillors H.Adwick, T.W.Coggan, G.Fern,
E.Harris, E.J. Hewitt and T. Tough.

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman: Councillor H.Adwick

Vice-Chairman: Councillor G. Fern

Aldermen H.Hartland and J.H.Saxton, and Councillors W.H.Curr, G.H.
Harris, G.H.Haslam, E. J. Hewitt and J. W. Porter

CO-OPTED MEMBERS

The Mayoress, Mesdames G.Fern, H.Hartland, J.H.Saxton and A. N. Schofield
REPRESENTATIVES ON THE WORKSOP & DISTRICT ISOLATION HOSPITAL COMMITTEE

Alderman H.Hartland, and Councillors H.Adwick, W.H.Curr, E.W.Darwin, G.H.
Harris, G.H.Haslam, J.H.Shardlow, T. Tough and W.E. Woodward

PUBLIC HEALTH STAFF

Medical Officer of Health (part time). Medical Superintendent Child

Welfare and Ante-Natal Clinic: * T.C. Garrett, M.B., C.M.

Medical Officer, Ante-Natal Clinic: H.Jordon Malkin, M.B. B. S., F.R.C.S.,
L.R.C.P.,

Chief Sanitary & Cleansing Inspector:

** T.H. Millar, M.R.San.I., A.M.Inst.P.C.,

Additional Sanitary Inspector: ax C. Turberfield.

Veterinary Surgeon (part time): T.Bowett, M.R.C.V.S.

Health Visitors: / Miss J.E. Pennington, S.R.N., S.C.M.,

bx Miss O.L.Evans Hemming, S.R.N., S.C.M.,

Clerks: W.B. Haslehurst, W.H.Harris, P.G. Burton and R.G. Booth.

* Contribution to salary is made under the Exchequer Grants.

* Royal Sanitary Institute and Victoria University Certificate as
Sanitary Inspector and Meat and other Foods Inspector.

a Certificate of the Royal Sanitary Institute, and Sanitary Inspectors'
Examination Joint Board.

/ Royal Sanitary Institute, Certificate Sanitary Inspector.

b Royal Sanitary Institute, Certificate Health Visitor.

R E P O R T

of the Medical Officer of Health for the Year 1937.

GENERAL STATISTICS

Area in acres: 17,935.
 Registrar-General's estimate of resident population mid-1937: 27,800.
 Population at census, 1931: 26,286.
 Number of inhabited houses (end of 1937) according to rate books, 7,795.
 Rateable value: £144,920.
 Sum represented by a penny rate: £541.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	Males	Females	Rate per 1000 of population.
Live Births (Legitimate	448	233	215	
(Illegitimate	22	12	10	
	470	245	225	16.1
				Rate per 1000 total (live and still) births.
Still Births 	20	11	9	40.8
				Rate per 1000 of population
Deaths 	262	141	121	9.4
				Rate per 1000 (live and still) births.
Deaths from Puerperal Causes				
Puerperal Sepsis ....	....	....	0	
Other Puerperal Causes ....	....	....	2	4.2
Death rate of Infants under one year of age:				
All infants per 1000 live births 				48
Legitimate infants per 1,000 legitimate births 				48
Illegitimate infants per 1,000 illegitimate births ....		....		0
Deaths from Cancer (all ages) 				35
" " Measles (all ages) 				2
" " Whooping Cough (all ages) 				0
" " Diarrhoea (under 2 years) 				1

POPULATION

The estimated population of the Borough, supplied by the Registrar General, for the middle of the year 1937, was 27,800, showing an increase of 390 on the previous year. The estimated increase in population since the last census (1931) is 1,514. The increase in the number of inhabited houses, in the same time was 1,628.

BIRTHS

Four hundred and seventy live births were registered in the Borough in 1937. The Birth Rate was 16.1 per 1000 population, as compared with a rate of 17.6 in the previous year and 17.2 in 1935. Still births numbered 20 (9 in 1936) and the rate per 1000 total (live and still) births was 40.

The Illegitimate births in the year were 22 as compared with 13 in 1936.

The birth rate for England and Wales was, for live births 14.9 and for still births .60, per 1000 population

The still birth rate in Worksop (per 1000 population) was .74.

DEATHS

The deaths registered during the year corrected for inward and outward transfers, numbered 262, as compared with 293 in 1936.

The crude death rate per 1000 of population was 9.4 (10.6 in 1936). Using the Areal Comparability Factor for the district (1.14) the corrected death rate was 10.7.

The rate for England and Wales was 14.9.

The table on page 5 gives causes of all residents deaths in the year

Deaths from organic Heart Disease numbered 72, and from other circulatory diseases 15, and Cerebral Haemorrhage 16, making altogether 103 or 39 per cent of the total deaths. Deaths from Cancer numbered 35.

Influenza accounted for 14 deaths, as compared with 5 in 1936. 15 deaths were due to Tuberculosis. Of these, 10 were Pulmonary and 5 Non-Pulmonary. Deaths from Tuberculosis in the previous year numbered 20.

In the year, the only deaths from the ordinary Infectious diseases were, two from Measles.

Deaths among Infants under 1 year numbered 23 as compared with 29 in 1936.

The death rate among Infants per 1000 live births was 48.

The rate in the previous two years was - 59 in 1936 and 49 in 1935.

The corresponding rate for the year, for all England and Wales was 58. 11 deaths among Infants (47 per cent of total) were due to ante-natal causes.

There were six deaths from Broncho-pneumonia.

B O R O U G H O F W O R K S O P

Causes of Death, 1937.

Causes of Death	Males	Females	Total
Measles 	1	1	2
Influenz 	7	7	14
Respiratory Tuberculosis . . .	7	3	10
Other Tuberculosis 	3	2	5
General Paralysis of Insane, Tabes &c.		1	1
Cancer. 	18	17	35
Diabetes 	3	2	5
Cerebral Haemorrhage 	8	8	16
Heart Disease 	30	42	72
Aneurism 	-	1	1
Other Circulatory Diseases	9	6	15
Bronchitis 	4	3	7
Pneumonia (all forms) 	10	4	14
Other Respiratory Diseases	1	-	1
Peptic Ulcer 	3	-	3
Diarrhoea (under 2 years) . . .	1	-	1
Appendicitis 	-	1	1
Cirrhosis of Liver 	1	-	1
Other Digestive Diseases . . .	2	1	3
Nephritis (acute and chronic)	-	3	3
Puerperal Diseases (other than sepsis)	-	2	2
Congenital Debility, Premature Birth &c.	9	5	14
Senility 	6	3	9
Suicide 	1	-	1
Other violence 	6	2	8
Other defined diseases 	11	7	18
	141	121	262

B O R O U G H O F W O R K S O P

Deaths in Infants under one year of age during 1937

Causes of Death.	Under one week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 1 year	Total under one year
Pneumonia						1	2	2	1	6
Convulsions		1			1					1
Marasmus						1				1
Congenital) Debility Pre-) mature Birth) Malformation) etc.)	10	3	1		14					14
Other causes								1		1
	10	4	1		15	2	2	3	1	23

1937.

VITAL STATISTICS.

COMPARATIVE RATES

	Annual Rate per 1,000 of population			Death Rate per 1,000 Live Births	
	Live Births	Still Births	Deaths all causes	Diarrhoea and Enteritis, under 2 years	Total deaths under 1 year
England and Wales	14.9	0.60	12.4	5.8	58
125 County Boroughs and Great Towns in- cluding London	14.9	0.67	12.5	7.9	62
148 Smaller Towns (population 25,000 to 50,000)	15.3	0.64	11.9	3.2	55
London (County)	13.3	0.54	12.3	12.0	60
WORKSOP	16.8	0.74	10.7	2.1	48

M A T E R N I T Y A N D C H I L D W E L F A R E .

Population of the area served by the Council as Welfare authority 27,800.

Number of Births notified in the area during the year, under the Notification of Births Act, 1907:-

Live Births, 474. Still Births, 16. Total, 490 (476)
Notified by Midwives, 466. By Doctors and Parents, 24.

Health Visiting.

Number of whole-time Officers employed for health visiting, 2.

Number of Visits paid during the year by Health Visitors:-

To expectant mothers - first visits, 95.

Total visits, 192.

To children under 1 year - first visits, 486.

Total visits, 3168.

To children between 1 and 5 years - Total visits, 5,150.

Infant Welfare Centres

Number of centres provided and maintained by the Council, 1.

Sessions - two weekly - Monday and Wednesday, 3 - 5 p.m.

Total number of attendances at the centre during the year:-

By children under 1 year of age, 3,613.

By children between ages 1 and 5 years, 1,398.

Total number of children who first attended the centre during the year and who were:-

under 1 year of age, 250. Between 1 - 5 years, 101.

Total number of children under 5 years, who attended the centre during the year and who, at the end of the year were:-

under 1 year of age, 226. Over 1 year of age, 397.

Percentage of notified births, represented by the total number of children under 1 year, who first attended the centre in the year, was 51. Percentage in the previous year, 41.

Ante-Natal Services.

Number of Clinics provided and maintained by the Council, 1.

Sessions, ordinary session, weekly on Thursdays.

Consultant's sessions - monthly, or as circumstances require.

Total number of attendances at the Clinic in the year, 687 (446).

Total number of women who attended the Clinic in
the year, 210 (149).

Percentage of total notified (live and still) births represented by
the number of women who attended the clinic, 43 (31).

Supply of Milk and Food.

Expectant and nursing mothers attending the Clinic are allowed free milk and other necessities, on the written recommendation of the Medical Officer, when he considers that extra nourishment is necessary as part of their treatment.

Children under 5 years:

Free milk (liquid and dried), cod liver oil and virol are allowed for children (1 - 5) when the family income per head is below a certain figure, approved by the Committee. Ailing infants and children are given special milk and other foods, suitable for their condition.

Dried milk is sold at cost price, and at less than cost to necessitous cases, approved by the Medical Officer.

Total quantity of milk supplied free, during the year to mothers and young children:-

Liquid Milk, 709 gallons (224).

Dried Milk, 2,731 " (1,579).

Note:- Figures in brackets indicate corresponding numbers in previous year.

Infectious Diseases.

Ophthalmia Neonatorum.

Number of cases notified during the year,	4.
Number of cases visited by officers of the Council,	5.
Number of cases for whom home nursing was provided,	4.
Number of cases in which vision was unimpaired,	5.

Measles

Number of cases visited by Health Visitors,	21.
---	-----

Whooping Cough

Number of cases visited by Health Visitors,	9.
---	----

Maternal Deaths.

From Puerperal Sepsis,	0.
From other Puerperal Causes,	2.

Ante-Natal Clinic.

Hospital Treatment - complicated Maternity cases.

Number of cases admitted to Victoria Hospital in year,	6.
Maintenance charges paid by the Council,	£58. 1. 0d.
Number of cases where home conditions were unsuitable for confinement, admitted to County Hospital,	2.
Maintenance charges paid by the Council,	£14. 10. 0d.

Dental Treatment.

52 expectant or nursing mothers, attending the clinic received free dental treatment during the year at a cost of £57. 16. 6d.

Provision of Dentures.

Arrangements have now been made for the provision of artificial dentures for expectant and nursing mothers, who have had free dental extractions on the recommendation of the Clinic Medical Officer. The work is carried out by local Dental practitioners at the scale of costs in operation under the National Health Insurance Act. Dentures are provided free of cost in necessitous cases. In others, a charge, fixed by the Committee, is made for part of the cost, in proportion to income.

Maternity Outfits are provided for expectant mothers attending the Clinic, and sold at cost price.

In necessitous cases the outfits are given free, or a small amount charged to those who can afford part of the cost.

Number of outfits sold in the year,	8.
Number of outfits issued free of charge,	8.

Home Helps.

In December the Committee agreed to provide home helps for mothers requiring assistance during the period of confinement, the service to be under the direction of the Health Visitors.

Midwives.

Five County Midwives have been allocated to the Borough under the new Act of 1936.

They are all resident in the Town and are under the supervision of the County Council.

Consultant Service.

During the year our Consultant was called in by private Practitioners on 3 occasions; and his services were required for three major operations at the Victoria Hospital, on cases which had attended the ante-natal clinic.

Child Welfare Clinic.

Dental Treatment.

43 children under 5 years received free dental treatment, at 10 sessions, at a cost of £21.

Tonsils and Adenoids.

By agreement with the Victoria Hospital Committee, children 1 - 5 years are admitted for operation for removal of tonsils and adenoids at a fee of £1.11.6d. Six cases were treated during the year at a cost of £9.9.0d.

Orthopaedic Treatment.

Children requiring Orthopaedic treatment are admitted to Harlow Wood Hospital and maintenance charges are paid by the Council. During the year, two children were under indoor treatment for serious deformities, and for these charges of £112.10.0d. were paid.

Children suffering from minor deformities etc. attended the Clinic of the Worksop Branch, Nottinghamshire Cripples Guild, held in rooms provided, free of cost, in the Council's Child Welfare Centre. The Council contributes £25 a year to the Guild.

During the year 99 attendances were made by children referred from the Child Welfare Clinic.

Child Life Protection.

Number of persons who were receiving children for reward,	3.
Number of children at the end of the year,	3.
Number of children who died during the year,	0.
Number of Child Protection Visitors who were Health Visitors	1.

GENERAL PROVISION OF
HEALTH SERVICES IN THE AREA.

These remain as recorded in detail in my Report 1934, with the following additions:-

Ante-Natal Clinic.

Owing to limited accommodation and an increasing number of Mothers attending the Clinic, it was decided in November, 1937, to hold weekly sessions instead of fortnightly. A Consultant Clinic is now held monthly.

Victoria Hospital.

During the year another Consulting Surgeon was appointed to the staff to organise a Fracture Clinic, to serve the town and the outlying districts in the contributory scheme of the Hospital.

In the current year it is hoped that additional beds, in a separate building, will be provided for the work. At present, the surgeon, Mr. F.W.Holdsworth, F.R.C.S., of Sheffield, attends one day weekly or at special times if required. He is assisted in the work by the Senior House Surgeon who has had special training, and by the Honorary members of the Surgical Staff.

SANITARY CIRCUMSTANCES OF THE AREA

W A T E R

The Council's well at Sunnyside continues to give an ample supply, for all requirements, in the area of piped supply. The average monthly supply within the Borough was 20,073,500 gallons, an increase of nearly a million gallons, on the previous year. An increased amount was also delivered to the Worksop Rural District in the year. The average monthly

supply being 3,054,416 gallons. During the year, the Water Committee have considered various tenders for Water Softening plant, to be installed at the Waterworks, and at an early date a scheme for softening the public water supply, is to be submitted to the Ministry of Health for loan sanction.

The following extensions were made in the year:-

2 inch mains	.....	74 yards
3 inch mains	.....	1,168 yards
4 inch mains	.....	308 yards
6 inch mains	.....	156 yards
New hydrants	-	12.

Copy of recent Certificate of Analysis, Worksop Town Supply,

(1) Chemical Analysis.

<u>Chemical Characters.</u>	<u>Parts per</u> <u>100,000.</u>	<u>Grains per</u> <u>gallon</u>
Total solids dried at 100°C.	60.0	42.0
Loss on ignition (after re-carbonating),	19.5	13.65
Chlorine in Chlorides,	4.9	3.43
Chlorine x 1.647 = Sodium Chloride,	8.07	5.65
Nitrites,	Nil	
Nitrogen as Nitrates,	1.47	1.03
Saline Ammonia,	Nil	
Albuminoid Ammonia,	0.0044	0.0031
Oxygen absorbed in 3 hrs. at 37°C.	0.023	0.016
Hardness - Total,	41.0	28.5
Hardness - Temporary,	12.0	8.5
Hardness - Permanent,	29.0	20.0
Poisonous Metals - Lead)	Nil	
Poisonous Metals - Copper)		

Remarks: From a consideration of the above data, no exception can be taken to the use of this water for domestic purposes, upon Chemical grounds.

(2) Bacteriological Report.

Quantitative Enumeration of Bacteria.

On Agar Plates, kept for two days at 37°C. 2 colonies per 1 c.c.
developed

On Agar Plates, kept for four days at 20°C- 10 colonies per 1 c.c.
22°C. developed

Examination for Special Bacteria.

Coliform Bacilli	....	absent in 100 c.c.
Streptococci	....	absent in 100 c.c.
B. Enteritidis Sporogenes ..		absent in 50 c.c.

Result of Examination :

From a consideration of the data, no exception can be taken to the use of this water for domestic purposes upon bacteriological grounds.

Health of Waterworks Staff.

In the early months of the current year the staff employed at the Council Water works were examined medically, and the necessary Bacteriological examinations carried out. The results were quite satisfactory.

DRAINAGE AND SEWERAGE.

The following extensions have been made during the year :-

		<u>Surface Water</u>	<u>Foul Water</u>
9 inch	....	889 yards	540 yards
12 inch	....	156 yards	73 yards
15 inch	....	105 yards	
18 inch	....	138 yards	

Town Sewage Disposal Works, Bracebridge.

Two new electrically operated verticle spindle pumps, each with a capacity of 2,000 gallons per minute, against a total head of 260'-0", have been installed in these works; and the steam pumping plant which has rendered good service for 58 years is now out of commission.

Rhodesia Sewage Disposal Works, which take the sewage from the villages of Shireoaks and Rhodesia, continue to work satisfactorily. The effluent is examined frequently by the Rivers Board Inspector and the classification is good.

Lowgrounds Drainage Scheme.

The scheme for draining the low-lying land between Woodend and Sandy Lane was submitted to the Ministry of Health in June, 1937; but owing to the fact that the site of the proposed pumping station, is situate in

a plot of land for which application has been made to the Ministry of Agriculture, for power to acquire compulsorily, for use as allotment gardens, consideration by the Ministry of Health has been held up, pending the result of a Public Inquiry into the proposed purchase which was held on May 31st, 1938.

PUBLIC BATHS

No improvements or extensions have been carried out in the year.
The filtration and chlorinating plant continues to give every satisfaction.

CLOSET ACCOMMODATION

Privies abolished during the year	....	18
Privies abolished since 1921	....	1,561
Privies still in use at end of 1937	....	279
New Water Closets	317)	
Water Closets substituted for	}	
Privies	.... 4)	326
Water Closets substituted for	}	
Pails	.... 5)	
Total Water Closets in used	... ..	8,147

PUBLIC CLEANSING

House and trade refuse of the Town is disposed of by tipping in layers in a disused sand quarry in Blyth Road.

The greater part of the material is now collected in modern motor covered-in vehicles.

The house refuse of the Village of Rhodesia (about 20 cubic yards per week) is tipped on a low lying piece of ground near the village.

In 1938 the Council propose to provide a new Dennis 750 gallon Cesspool Emptier with inter-changeable 10 cubic yard side loading refuse collecting body, which will replace 2 open horse carts and 1 tumbler cart, used for cesspools and pail closets.

Three portable trucks have been provided for handling dustbins.

Good progress has again been made in abolishing the old-fashioned large fixed ashpits. 210 were abolished in the year, and in their places portable ashbins provided.

New premises added in the year for Cleansing 302
Houses in the district not cleansed by the Council .. 206

312 Closets on the conservancy system are still in use --
33 pails and 279 privies.

Details of the scavenging work will be found in the Inspector's Report.

HOUSING.

Number of houses erected during the year :-

By the Local Authority	...	88	(including 60 bungalows)
By private persons	...	212	

28 of the Council houses were provided to re-house persons from condemned property.

Progress of the 5 years housing scheme in the year :-

Number of representations made to the Council	....	92
Number of houses demolished	....	46
Number of undertakings to recondition accepted	....	69
Number of houses made fit in accordance with undertakings accepted by the Council	....	29

At the end of the year, 31 old houses remained to be dealt with to complete the total of 257 scheduled under the five years scheme; and it is hoped that the arrangements in connection with these will be completed during 1938. During the year 60 new bungalows for aged couples were erected by the Council on their estate at Kilton. The total number of bungalows now occupied is 96.

The transfer of these old couples has liberated a number of satisfactory houses in the Town, which are capable of accommodating families of moderate size.

Plans have been passed by the Council for the erection of 14 new houses (12 of 3-bedroom and 2 of 4-bedroom type) required for re-housing families from unfit houses.

Overcrowding.

From the overcrowding survey in 1935, of 6,197 houses, it was found that 124 were overcrowded, including 15 owned by the Corporation.

Number of new cases of overcrowding reported during the year, 24.

making the number of dwellings overcrowded at the end of the year 45

The number of families dwelling therein, 46

The number of persons dwelling therein, 387

The number of overcrowding cases relieved during the year, 79

The number of persons concerned in such cases, 485

For the relief of overcrowding, it is proposed to build in the current year, 10 new houses - 4 of four-bedroom (large) type, 4 of five-bedroom (normal) type and 2 of five-bedroom (large) type.

Vans.

At the end of 1936, the number of vans occupied in the District was 47
The number of vans vacated in the year through action taken by the
Council under Section 164, Worksoop Corporation Act, 1933, 33
Number of vans removed from the district 4
Number of vans demolished during the year 2
Number of vans occupied at the end of 1937, 10

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Number of cowsheds in the district	....	38
Average number of Milk Cows kept	....	234

		Defects	
		<u>Inspections.</u>	<u>Found Remedied</u>
Number of registered Producers, 26	62	14	14
Number of registered Retail Purveyors, 54	72	6	6

All these premises were inspected at various times throughout the year by the Sanitary Inspector. Generally the conditions in and about the sheds show improvement, and very little cause for complaint was found with regard to water supply, drainage, light and ventilation.

All the milk herds in the district were clinically examined during each quarter of the year - in the first and third quarter by the County Veterinary Officers, and in the second and fourth by the Council's Veterinary Inspector.

Bulk samples of milk were taken at each examination and submitted for biological tests for Tubercle Bacilli

Number of samples taken by the Council's Veterinary Officer, 9, of these, 6 were negative and 3 positive.

Positive results were notified to the County Medical Officer and the identification, and removal of infected animals was carried out by the County Veterinary Officers.

Three samples of Pasteurised Milk were submitted for biological test, all of which proved to be negative.

15 samples of milk were taken for examination for bacterial content, of these, 10 were satisfactory and 5 unsatisfactory.

14 samples of milk, taken at various points of delivery in the Town, were submitted for the Methylene Blue Test. Of these, 9 were **satisfactory**, and 5 unsatisfactory. Of the latter, 3 samples came from farms outside the district.

The following report has been kindly supplied by the Council's Veterinary Inspector:-

"I have pleasure in submitting a report on my half-yearly inspections, for the year ending March 31st, 1938, of the Registered Dairy Herds in the Borough, other than those that are accredited.

The health and condition of the cattle has been of a fair standard and fewer complaints as to cleanliness have had to be made.

In one or two cases the cowsheds and dairies have been practically rebuilt and brought up to a first class standard.

The number of dairy cows in milk examined	.....	234
The number of dry cows examined	... ..	38
		<hr/>
Total for the year		272

Mixed milk samples taken for Biological examination, 9
(comprising herds numbering 21).
No. of samples positive to Tuberculosis, 3

The herds involved in the positive samples were dealt with by the County Veterinary staff.

Here it should be noted that the three positive mixed samples in each case only involved one herd, the others comprising the sample being negative.

The cows have been unusually free from Mastitis, sore teats, etc.
I think conditions may be accepted as satisfactory".

Meat and other Foods.

The following premises where food is prepared were inspected:-

Slaughter-houses	- Registered, 7.	Licenced, 12.	Total, 19.
Bake-houses	....	14	
Ice-cream Making	....	12	
Fried Fish Shops	....	30	
Tripe Boiling	....	1	
Hide and Skin Depot	..	1	
No. of inspections	..	254	

Meat. Public Health Meat Regulations.

Inspections under these regulations are carried out by the Sanitary Inspector.

Number of inspections of slaughter-house premises 2,311.
Number of unsatisfactory conditions found and remedied ... 35.

Number of animals slaughtered and inspected in the year :-

Cattle (excluding cows)	.....	1,329
Cows	.....	420
Calves	.....	88
Sheep and Lambs	.....	3,752
Pigs	.....	4,151
		<hr/>
Total		9,740

Whole carcasses condemned:-

All diseases except Tuberculosis.

Tuberculosis only.

Cows	....	1	Cattle (excluding		
Calves	....	1	Cows)	....	7
Sheep and Lambs		4	Cows	....	9
Pigs	....	4	Pigs	....	1

Number of visits to Slaughter-houses for meat inspection, 2379

Total weight of meat condemned, after inspection, 19546 lbs.

Inspection of Meat Shops, Stalls, etc:-

Number of Inspections,	....	427
Total quantity of meat condemned ...		91 lbs
Unsatisfactory conditions found and remedied		12

Other premises where food is prepared or retailed :-

Number of inspections,	....	208
Unsatisfactory conditions found and remedied		18
Food (other than meat) condemned ..		323 lbs.

Other details of Meat Inspections etc. in Sanitary Inspector's report.

FOOD AND DRUGS ACTS, 1875 - 1928.

Mr. E. Templeman, Chief Inspector, Nottinghamshire County Council, has kindly supplied the following information, with regard to samples taken in the Borough of Worksop in the year.

Article	No. of samples	Examined by the Inspector	Correct	Incorrect	Result of Analysis
Arrowroot	1	-	-	-	Genuine
Butter	5	-	-	-	Genuine
Cooking Fat (Cookeen)	1	-	-	-	Genuine
Cheese	4	-	-	-	Genuine
Cocoa	3	-	-	-	Genuine
Dripping (Pork)	1	-	-	-	Genuine
Gin	-	5	5	-	
Ground Almonds	1	-	-	-	Genuine
Jam (Strawberry)	1	-	-	-	Genuine
Lard	3	-	-	-	Genuine
Margarine	2	-	-	-	Genuine
Mincemeat	1	-	-	-	Genuine
Milk - Condensed	1	-	-	-	Genuine
Olive Oil	1	-	-	-	Genuine
Potted Meat	1	-	-	-	Genuine
Pepper	4	-	-	-	Genuine
Suet (Shredded Beef)	1	-	-	-	Genuine
Sausage	8	-	-	-	Genuine
Tea	1	-	-	-	Genuine
Vinegar	1	-	-	-	Genuine
Vinegar - Malt	1	-	-	-	Genuine
Whisky		7	7	-	
Samples of Milk taken under the Milk (Special Designations) Order, 1936	25	-	18	7	
Totals	67	12	30	7	

Informal samples of milk

Tested by the Inspectors by the "Gerber" Tester.

	Correct	Incorrect
Number of samples taken by Inspectors	256	-
Number of samples taken at farms	-	-
Number submitted by Milk Vendors to the Inspectors	3	-
	<hr/>	
Totals	259	-
	<hr/>	

NOTIFIABLE INFECTIOUS DISEASES, 1937

(other than Tuberculosis).

	Total Cases Notified	Cases admitted to Hospital	Deaths
Scarlet Fever	16	13	-
Diphtheria	6	5	-
Enteric Fever (including Paratyphoid)	1	1	-
Puerperal Fever	1	1	-
Puerperal Pyrexia	3	2	-
Pneumonia	15	-	14
Erysipelas	5	1	-
Ophthalmia Neonatorum	4	-	-
Totals	51	23	14

Only 16 cases of Scarlet Fever were notified in the year as compared with 108 in 1936, and six cases of Diphtheria.

All the cases, with the exception of 3 Scarlet Fever and 1 Diphtheria were treated in Hospital.

The Sanitary Inspector supervises the removal of infectious cases to Hospital, and the rooms are disinfected after removal. Bedding and infected clothing are removed with the patient and undergo disinfection with Steam at the Hospital.

Diphtheria Antitoxin is provided by the Council for free use by Practitioners in the District.

Antitoxin supplied in the year - 26,000 units.

Free facilities for bacteriological examination of throat swabs, etc. are provided by the County Council at the City Laboratory, Nottingham.

TUBERCULOSIS, 1937.

New Cases and Deaths.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non- Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
0 ...	-	-	-	-	-	-	-	-
1 ...	-	-	5	3	-	-	1	1
5 ...	1	1	6	4	-	-	1	-
15 ...	2	2	-	1	2	2	-	-
25 ...	-	1	-	-	3	-	-	-
35 ...	4	1	-	1	2	-	-	-
45 ...	1	2	-	-	1	1	-	-
55 ...	1	1	-	-	-	-	-	-
65 and over	-	-	-	-	-	-	-	-
TOTALS	9	8	11	9	8	3	2	1

Number of cases on the register at the end of the year.

		<u>Males</u>	<u>Females</u>	<u>Total</u>
Pulmonary	....	78	60	138
Non-Pulmonary	....	41	52	93

Cases removed from the register in the year - Pulmonary - 13
Non-Pulmonary - 5

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action was taken or required under these regulations.

Public Health Act, 1925. Section 62.

No action taken during the year.

ANNUAL REPORT OF THE SANITARY INSPECTOR AND

CLEANSING SUPERINTENDENT.

To the Mayor, Aldermen and Councillors of the
Borough of Worksop.

Gentlemen,

I have the honour to present to you my Annual Report for the year ended 31st December, 1937. The Report on the Public Cleansing Service is for the financial year ending March, 1938.

My thanks are due to you, Mr. Mayor and Gentlemen, for the encouragement and support you have given me at all times, and may I take this opportunity of again expressing my appreciation of the good work accomplished by the staff of the Health Department and for the hearty co-operation of all the Officials of the Council.

I have the honour to be

Your Obedient Servant,

T. H. MILLAR

Health Department,

91, Bridge Street,

WORKSOP.

SUMMARY OF WORK CARRIED OUT

Total inspections or visits made	....	....	..	8,429
Number of re-inspections or re-visits made	..	....	..	1,430
Number of statutory notices served	....	....	..	387
" " " complied with	..	....	..	336
" preliminary notices served	....	....	..	295
" " " complied with	....	..		262
" letters sent out	..	....	..	371
" complaints received and dealt with	....	..		213
" premises and other matters which required sanitary improvement	....	..		1,032

SANITARY IMPROVEMENTS MADE AND DEFECTS REMEDIED DURING THE YEAR, UNDER THE PUBLIC HEALTH AND HOUSING ACTS

Houses.

New floors laid	....	....	....	....	125
Floors repaired	....	....	....	....	37
Means of lighting and ventilation improved	...	....	....		63
Additional lighting provided in bedrooms	....	....	....		47
New windows provided	...	....	....	....	117
Windows repaired	...	....	....	....	45
Cleansed or colourwashed	....	....	....	....	64
Eaves gutters, and fallspouts repaired	....	....	....		69
Roofs repaired	....	....	....	....	62
Yards re-paved	....	....	....	....	43
Yard and passage pavements repaired	....	....	....		27
Damp walls remedied	...	....	....	....	182
External walls rendered	....	....	....	....	35
Brickwork pointed or repaired	....	....	....	....	103
New ceilings provided	..	....	....	....	107
Ceilings repaired	....	....	....	....	65
Plasterwork of walls repaired	...	....	....	....	126
Woodwork and staircases repaired	..	....	....	....	101
Chimneys repaired	....	....	....	....	41
Fireplaces etc. repaired	....	....	....	....	78
Food storage improved	....	....	....	....	46
Outbuildings repaired or rebuilt	..	....	....	....	52
Proper washing accommodation provided or repaired	....				47
Dangerous and obstructive outbuildings removed	....				8

Wells filled in	....	....	....	....	10
Provided with a proper supply of water inside the premises					17
Water supply improved	...	....	....	....	29
Nuisances arising from the keeping of fowls, etc.				....	3
" " " " swine			..	....	10
Accumulations of manure removed	..	....	....		18
" " other refuse removed		....	....		15
Rainwater tanks cleaned and repaired		....	....		4
" " abolished		....	....	....	9
New Coal places provided		....	....	....	23
Miscellaneous	....	....	....	....	162

Drainage

New drains constructed	....	....	....		149
Drains re-constructed	....	....	....		93
" cleansed or repaired	....	....	....		211
" disconnected from sewer	....	....	....		15
" ventilated	...	....	....	....	13
Single private drains examined	....	....	....		7
" " " re-constructed		....	....		6
" " " cleansed or repaired		....	....		15
Drain openings removed from inside buildings	..		....		4
Drains under buildings abolished	...	....	....		7
Inspection chambers constructed	...	....	....		38
" " repaired	....	....	....		13
Additional gully traps fixed in yards		....	....		57
New sinks provided	...	....	....	....	31
New waste pipes to sinks, baths, etc. provided			....		37
Sink and other waste pipes repaired		....	....		9
" " " " disconnected from drains			....		2
Fallspouts disconnected from drains		....	....		12
Soil pipes repaired	...	....	....	....	5
New soil pipes fixed	...	....	....	....	3
Ventilating pipes repaired	....	....	....		18
Urinals improved or provided	....	....	....		5
Septic tanks and outfall works cleansed or improved			....		4
Number of smoke tests applied to old and new drains			....		223
Number of drains inspected	....	....	....		386
Pollution of streams	....	....	....		2

The attention of the Borough Engineer has been called to the following defects:-

Offensive smells from sewers, sewer ventilators and defective street gullies	13
--	------	------	------	----

Privy conversions carried out under Sec. 39, Sub. Sec. 4,
Public Health Acts (Amendment) Act, 1907.

Privies converted into water closets	....	....	4
Privies abolished	....	....	18
Pail closets converted into water closets		....	5
Pail closets abolished	....	....	5
Pails renewed	....	....	2

Ashbins and Ashpits under Section 46, 1907 Act, and Section 139,
Worksop Corporation Act, 1933.

Wet ashpits abolished	..	....	....	15
Dry " "	..	....	....	201
Portable Dustbins provided		....	....	603
" " renewed		....	....	153
Notices to Occupiers	..	....	....	11

Water Closets.

Additional water closets provided	....	....	37
Re-constructed	....	....	23
Repaired	....	....	46
Limewashed and cleansed	..	....	9
No. of occupants warned re improper use of same	...		4
Floors, walls and roofs repaired	....	....	29

Closet accommodation in the District.

Approximate number of privies	....	....	279
Number of pail closets	...	....	33
Approximate number of water closets	....	....	8,147
Total number of privies converted into water closets during 1937			4
" " " pail closets converted into water closets during 1937			5

HOUSING.

212 Houses (including 1 hotel) were erected by private enterprise in the Borough during 1937.

Houses erected by the Corporation under the Housing Acts, 1930-36:

28 - 3-bedroom type houses, for the re-housing of persons from unfit houses, were erected and occupied during the year.

60 - bungalows - 2-bedroomed type, were also erected at Bracebridge for the re-housing of aged persons.

Houses demolished :-

7, Court 6, Bridge Street	....	....	....	1
112, 114 & 116, Cheapside	....	....	....	3
106, 108, 110, 112, 114 & 116, Gateford Road ..			....	6.
1, 2, 3, 4 & 5, Court 3, Gateford Road		....	....	5
2 Cottages, Harness Grove	....	....	....	2
20, Hill Street	....	....	....	1
23, Lead Hill	....	....	....	1
25, Lead Hill	....	....	....	1
39, Low Town Street ..	....	....	....	1
43 & 45, Low Town Street	....	....	....	2
14/16 & 18, Low Town Street	....	....	....	2
1, 2, 3, 4, 5, 6 & 7, Court 1, Norfolk Street			....	7
10, 11, 12 & 13, Union Street	....	....	....	4
11, 13 & 15, & 1, 2 & 3, Court 1, West Street			....	6
				<hr/> 42

Housing Act, 1936. Section 11 (3).

The Council have accepted the undertakings of the owners to carry out the work necessary to make the houses fit, in respect of :

Nos. 38, 40 & 42, Abbey Street & No. 2, Marecroft	....	4
No. 39, Church Walk	....	1
Nos. 41, 43, 45 & 47, Church Walk ..	....	4
No. 46, Church Walk	....	1
Nos. 49, 51 & 53, Church Walk	....	3
Nos. 1, 2, 3, 4, 5, 6, 7, 8 & 9, Gladstone Place	....	9
House adjoining Farm Buildings, Kilton Forest Farm	....	1
No. 168, Newcastle Avenue	....	1
Nos. 42 & 44, Newgate Street	....	2
No. 14, Norfolk Street	....	1
Nos. 16 & 18, Norfolk Street	....	2

No. 20, Norfolk Street	....	....	....	....	1
No. 22, Norfolk Street	....	....	....	....	1
No. 24, Norfolk Street	....	....	....	....	1
Nos. 26, 28 & 30, Norfolk Street	....	....	....	....	3
No. 32, Norfolk Street	....	....	....	....	1
Nos. 34 & 36, Norfolk Street ..	....	....	....	....	2
No. 38, Norfolk Street	....	....	....	....	1
No. 44, Norfolk Street	....	....	....	....	1
No. 46, Norfolk Street	....	....	....	....	1
No. 48, Norfolk Street	....	....	....	....	1
Nos. 50 & 52, Norfolk Street ..	....	....	....	....	2
No. 54, Norfolk Street	....	....	....	....	1
No. 64, Norfolk Street	....	....	....	....	1
Nos. 66 & 68, Norfolk Street ..	....	....	....	....	2
Nos. 80, 82, 84, 86 & 88, Potter Street ...	....	....	....	....	5
Nos. 149, 151, 153, 155 & 157, Sandy Lane ..	....	....	....	....	5
Nos. 14, 15, 16, 17 & 18, Union Street ..	....	....	....	....	5
Nos. 1, 2, 3, 4, 5 & 6, Woodend	....	....	....	....	6
					<u>69</u>

Undertakings in respect of the following houses were completed by the owners, to the satisfaction of the Local Authority :-

Nos. 3, 4, 5 & 6, Court 6, Bridge Street ..	....	....	....	4
Nos. 126, 128 & 130, Newgate Street ...	....	....	....	3
No. 22, Norfolk Street	....	....	....	1
No. 24, Norfolk Street	....	....	....	1
No. 26, Norfolk Street	....	....	....	1
No. 28, Norfolk Street	....	....	....	1
No. 30, Norfolk Street	....	....	....	1
No. 32, Norfolk Street	....	....	....	1
Nos. 34 & 36, Norfolk Street ...	....	....	....	2
No. 38, Norfolk Street	....	....	....	1
Nos. 45 & 47, Norfolk Street ..	....	....	....	2
Nos. 53, 55 & 57, Norfolk Street	....	....	....	3
Nos. 59, 61 & 63, Norfolk Street	....	....	....	3
Nos. 56, 58, 60, 62 & 64, Norfolk Street .	....	....	....	5
				<u>29</u>

Housing Act, 1935, Sec. 55 (3)

Certificates of Fitness were issued in respect of 3 houses.

Eradication of Bed Bugs.

No. of houses infested	....	....	57
(a) Council Houses	....	....	12
(b) Other Houses	....	....	45
No. of Houses disinfested	..	....	55
(a) Council Houses	....	....	12
(b) Other Houses	....	....	43

The method usually adopted for disinfection is to spray thoroughly all woodwork, cracks and crevices of infested rooms with efficient insecticides, this being followed, where necessary by fumigation (block fumigators).

Frequent re-inspections are made of houses which have been treated and, if necessary the process is repeated.

Advice is given and suitable disinfectants supplied to the tenants of disinfested houses in order to enable them to guard against further infestation.

Before removal of tenants into Council Houses, their bedding, furniture, etc. is subjected to careful inspection and if these are badly infested and of little value, they are destroyed; otherwise spraying and, if necessary, fumigation is carried out.

COMMON LODGING HOUSES.

On register	....	....	....	1
Applications for registration			....	1
Rooms used for sleeping	....	....	....	9
Lodgers accommodated	....	....	....	44
Inspections	....	....	....	11
Notices to limewash	....	....	....	2
" re defective conditions			....	0

INSPECTION OF MEAT AND OTHER FOODS

Public Health (Meat) Regulations, 1924

It is gratifying to be able to report that the butchers have generally continued to conform to the requirements of the above regulations.

Number of animals slaughtered in the Borough during the year:

1,794 Beast, 3,847 Sheep and Lambs, 4,231 Pigs and 92 Calves.

Total - 9,964.

Number of inspections: 2,379.

Condemned meat disposed of by burning in some cases, and in others for conversion into fertilizers in an "Iwell" Dry Process Plant

There have been 416 surrenders which amount to 1,396 stones in weight, and include the following carcasses, part carcasses, and organs, viz:

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1,361	433	92	3,847	4,231
Number inspected	1,329	420	88	3,752	4,151
All diseases except Tuberculosis	-	1	1	4	4
Whole carcasses condemned Carcasses of which some part or organ was condemned	235	73	2	84	175
Percentage of the number inspected affected with diseases other than Tuber- culosis	17.7	17.6	3.4	2.3	4.3
<u>Tuberculosis only.</u>					
Whole carcasses condemned	7	9	-	-	1
Carcasses of which some part or organ was condemned	27	53	1	-	55
Percentage of the number inspected affected with Tuberculosis	2.6	14.8	1.1	-	1.3

<u>Description of Meat etc.</u>	<u>Reason for condemnation.</u>	<u>Weight (in lbs).</u>
Chilled Rump	Unsound	25
Brisket Beef	"	10
Boiled Beef	"	12
Pickled Tongues	"	16
Chitterlings	"	21
Sausages	"	7
		<u>91</u>

The Slaughter of Animals Act, 1933.

Number of applications for licences	....	....	1
Number of licences granted	..	....	1

Slaughter Houses

Registered, 7. Licenced, 12.

Number of applications for renewal of licences	....	12
Number of Notices to limewash	....	67
Number of Notices re defects or contraventions	....	35

Meat Shops, Stalls, Stores and Vehicles.

Number of inspections	....	....	427
Number of notices re defects or contraventions	....	....	15

Premises where Food is prepared

Number of bake-houses	....	....	....	14
Number of other premises	....	....	....	41
Number of inspections	....	....	....	208
Number of notices to limewash	...	....	....	8
Number of notices re defects	...	....	....	18

The premises generally were found to be kept in a clean and satisfactory condition.

Ice Cream Manufacturers, Vendors, Merchants and Dealers.

Workshop Corporation Act, 1933, Sections 131 and 132

Number of applications for registration	....	....	10
Number of inspections	....	....	45
Number of notices re defective conditions	...	....	4

Fish Shops and Stalls

Number of inspections	....	....	113
Number of notices re defective conditions	..	....	5

Shops Act, 1934

Number of complaints received	..	....	....	4
Number of inspections made	..	....	....	37
Number of unsatisfactory conditions found:-				
(a) Insufficient Sanitary conveniences		....		3
(b) Inadequate heating arrangements		....		5
(c) Defective or insufficient ventilation		....		1
(d) Other	..	....	....	3
Number of unsatisfactory conditions remedied:-				
(a) Insufficient Sanitary conveniences		....		6
(b) Inadequate heating arrangements		....		5
(c) Defective or insufficient ventilation		....		1
(d) Other	..	....	....	3

Rag Flock Acts, 1911 and 1928.

There are no premises in the district where rag flock is manufactured and no samples have been taken during the year.

Cowsheds.

Number of cowsheds	....	....	....	38
Number of registered keepers	..	....	....	26
Number of keepers registered during 1937	...	....		1
Number of keepers discontinued during 1937	..	....		1
Number of inspections	....	....	....	62
Number of notices to limewash and cleanse	....	....		43
Number of notices re defective conditions	....	....		14
New dairies provided	....	....	....	3
New sterilising and wash-up rooms provided	..	....		3
New drains provided	....	....	....	6
Additional gullies provided	....	....	....	6
Drains reconstructed	....	....	....	4

Lighting Improved	....	....	....	3
Ventilation improved	....	....	....	3
New floors laid	....	....	....	3
Standings improved	....	....	....	3
Roofs repaired	....	....	....	5
Walls rendered	....	....	....	3
Water supply laid on standings		....	....	2
Yards filled in and levelled		....	....	2
Storage and removal of manure improved			....	3
Concrete paths provided	...	....	....	3

Dairymen and Dairies

Number of registered retail purveyors ..	....	53
Number of purveyors registered during 1937	....	1
Number of purveyors discontinued during 1937	....	1
Number of licences granted to sell milk as "Pasteurised"		1
Number of premises used for pasteurising milk	....	1
Number of inspections	....	72
Number of notices to limewash and cleanse	....	2
Number of notices re defective conditions	....	4
Number of samples obtained for presence of Tubercle Bacilli ..		12
" " " for Bacterial content ..		15
" " " " Methylene Blue Test		14
" " " " Sediment test ...		41

Offensive Trades

Number of applications to establish fish friers	....	0
" " " " rag and bone dealer		1
" " " for renewal of consent	....	7
" of inspections	....	128
" of notices re defective conditions	....	6

Smoke Nuisances

Number of observations of chimneys	....	6
Number of notices served to abate nuisance		3

Infectious Disease and Disinfection

Premises disinfected by spraying with Formalin and fumigation by Formic Aldehyde Vapour.

Bedding and clothing removed to join hospital at Carlton for disinfection by a Thresh's steam disinfecter.

Number of inspections	....	....	68
Number of notices to cleanse	.	....	59
Number of rooms disinfected	..	....	45
Number of articles disinfected		....	461
Number of books disinfected	..	....	34

Notifications of infectious disease sent to heads of schools,	-	15
To Librarians	.....	9

Cinemas and Assembly Halls.

Number of inspections	....	....	19
Number of notices re sanitary defects	..		3

Schools.

Number of inspections	....	....	5
Number of notices re sanitary defects	..		1

Vans

Number of inspections	....	....	79
Number of notices re sanitary defects	..		10

Canal Boats Acts, 1877 and 1884, and Public Health Act, 1936.

During the year ended 31st December, 1937, 20 canal boats were inspected, and these had 40 men and youths as occupants.

The cabins were found in a clean and satisfactory condition. No case of infectious disease or any infringement of the Acts and Regulations was met with.

Rats and Mice (Destruction) Act, 1919.

During the year 62 complaints were received and 136 visits were made to premises in connection with the destruction of rats.

The following report was forwarded to the Ministry of Agriculture and Fisheries with reference to the action taken during the National Rat Week, 1st to 6th November, 1937 :

"Public attention was directed to the need of co-operation dur-

ing this campaign, by the display of 195 large posters on all the bill-posting stations in the Borough, and public notices were inserted in the two local weekly papers, which have a large circulation in the town and surrounding districts.

The occupiers of 122 business premises including all works, farms and the L. and N.E. Railway Company were circularised and supplied with a copy of the Ministry of Agriculture and Fisheries Bulletin No. 30 (National Rat Week edition), also copies of their Advisory Leaflet No. 49 were distributed.

A rat-catcher was engaged to deal with the Council's lands, premises and some of the sewers, also the banks of the River Ryton and streams in the centre of the town. Rat infested areas of the sewage outfall and other places were treated with Cyanogas.

42 visits were made to rat-infested premises and from information received from various sources, the combined action taken during this special effort produced good results".

PUBLIC CLEANSING SERVICE.

The Collection and Disposal of House and Trade Refuse.

In presenting my report on the collection and disposal of house and trade refuse for the financial year ended 31st March, 1938, I have pleasure in saying that the work has steadily progressed and the standard adopted by your Council has been carefully maintained.

The conditions of the work of the cleansing service have gradually changed from year to year, by the conversion of privy middens and pail closets into water closets, the abolition of wet and dry ashpits, and the substitution of portable galvanised iron ashbins, as shown by the following table :

Year	Privies abolished	Privies converted in- to W.C.s.	Pail closets converted	Wet ashpits abolished	Dry ashpits abolished	Portable ashbins provided
1921	20	20	-	19	-	55
1922	71	69	-	43	21	127
1923	172	164	-	97	56	316
1924	165	157	-	83	55	429
1925	158	150	-	99	70	410
1926	160	158	-	88	121	694
1927	130	122	-	71	66	632
1928	88	77	4	54	77	351
1929	124	123	-	59	72	654
1930	93	83	1	49	88	365
1931	53	48	-	35	70	243
1932	60	33	-	38	52	315
1933	35	35	-	17	57	281
1934	74	30	18	38	91	533
1935	59	45	5	41	294	835
1936	81	56	21	46	71	442
1937	18	4	5	15	201	603
Total	1561	1374	54	892	1466	7285

During the same period 2,944 new houses, shops and other premises have been added for cleansing purposes, and 6,040 loads of suitable material carted for covering purposes.

The staff consists of 1 foreman, 2 motor drivers, 2 carters, 10 loaders, and 2 men engaged on disposal at Blyth Road Tip.

Equipment.

One 10 cubic yard S.D. Freighter, barrier type dust vehicle, 1 - new 10 cubic yard S.D. Freighter, rear loading movable floor freighter, 1 low loading dust cart with ball bearing hubs and four steel sliding covers, $3\frac{3}{4}$ cubic yards capacity; 2 carts fitted with loose canvas covers, 1 tumbler cart (for cesspools and pail closets) and 2 horses.

The Council are considering the purchase of a new "Dennis" 750 gallon Cesspool Emptier with interchangeable 10 cubic yard side loading refuse collecting body, to replace the two open carts, the low loading dust cart, the tumbler cart and 2 horses.

The S.D. freighters are garaged in a building adjoining the railway siding on the Carlton Road Tip, and the horses stabled at the Canal Road Depot.

Methods of Disposal.

Controlled tipping (no salvage) in the Blyth Road Sand Quarry.

The refuse from Rhodesia village (about 20 cubic yards per week) is tipped on a low lying piece of ground adjoining "Woodhouse Inn".

Additional refuse and other materials have been deposited in the Blyth Road Tip by the Borough Engineer's Department, Electricity Department, Markets, Builders and Private Traders, consisting of rubble and bricks, 3,422 tons, soil 2,803 tons, sweepings 754 tons, trade refuse 1,551 tons, sawdust and bark 819 tons, and straw 77 tons; total 9,426 tons during 1937.

Classified sanitary conveniences and receptacles in the district:

Number of privies	....	279
Number of wet ashpits	....	135
Number of dry ashpits	....	131
Number of portable ashbins	...	7,285
Number of pail closets	....	33
Number of cesspools	....	37
Number of water closets	....	8,147

Refuse Collection during the year

Number of pail closets cleansed	....	....	1,616
Number of ashbins cleansed, including trade refuse	....	....	403,721
Number of dry ashpits cleansed	....	....	915
Number of wet ashpits cleansed :	....	....	177
Number of cesspools cleansed	....	....	75
Total			406,504

Approximate number of houses and other premises in the district not cleansed by the Council	..	....	206
Number of loads of dry refuse removed by S.D.Freighters	..		3,001
" " " " " Carts		....	1,819
Number of loads of wet refuse removed	..	....	388
" " cesspool liquid removed		....	556
			5,764

Number of loads deposited on the land	..	....	863
" " " in the Blyth Road Tip		....	4,805
" " " " Woodhouse Tip		....	96
" " carted for covering purposes, etc.		....	801
" premises added for cleansing during the year	..		302
" unfit houses closed and taken off cleansing service			42

The total quantity of refuse collected (including cesspools) for the year ending March 31st, 1938, was 8,953 tons.

The weight of refuse is estimated by test weighing.

The average yield:

Per 1,000 population per annum (365 days)	....	tons 322.05 cwts
" " " day	....	17.65
Per head per annum (365 days)	....	6.44
Per house per annum (including business premises)	..	22.57

Estimated population (Registrar General), 27,800.

Area of district, 17,935 acres.

No. of Houses and Premises, 7,933.

Average haul, $1\frac{1}{2}$ miles.

HOUSE AND TRADE REFUSE

Table showing costs for the year ended 31st March, 1938.

Item (1)	Particulars (2)	1 COLLECTION			2 DISPOSAL		TOTAL	
		Including loan charges (3)	Excluding loan charges (4)	Including loan charges (5)	Excluding loan charges (6)	Including loan charges (7)	Excluding loan charges (8)	
<u>REVENUE ACCOUNT</u>								
A	Gross Expenditure	£. s. d. 3333.16.8.	£. s. d. 3333.16.8.	£. s. d. 996. 4.1.	£. s. d. 824.13.5.	£. s. d. 4330. 0.9.	£. s. d. 4158.10.1.	
B	Gross Income	15.17.0.	15.17.0.	224. 9.4.	224. 9.4.	240. 6.4.	240. 6.4.	
C	Net Cost	3317.19.8.	3317.19.8.	771.14.9.	600. 4.1.	4089.14.5.	3918. 3.9.	
<u>UNIT COST</u>								
D	Gross Expenditure per ton	7.5 $\frac{1}{2}$	7.5 $\frac{1}{2}$	2.2 $\frac{3}{4}$	1.10	9.8 $\frac{1}{4}$	9.3 $\frac{1}{2}$	
E	Gross Income per ton	0.0 $\frac{1}{2}$	0.0 $\frac{1}{2}$	0.6.	0.6.	0.6 $\frac{1}{2}$	0.6 $\frac{1}{2}$	
F	Net cost per ton	7.5.	7.5	1.8 $\frac{3}{4}$	1.4.	9.1 $\frac{3}{4}$	8.9.	
G	Net cost per 1000 of pop.	119. 7.0.	119. 7.0.	27.15.2.	21.11.10	147. 2.2.	140.18.10	
H	Net cost per head	2.4 $\frac{1}{2}$	2.4 $\frac{1}{2}$	0.6 $\frac{3}{4}$	0.5 $\frac{1}{4}$	2.11 $\frac{1}{4}$	2.9 $\frac{3}{4}$	
J	Net cost per 1000 houses or premises from which refuse is collected	418. 5.0.	418. 5.0.	97. 5.8.	75.13.2.	515.10.8.	493.18.2.	
K	Net cost per house	8.4 $\frac{1}{2}$	8.4 $\frac{1}{2}$	1.11 $\frac{1}{4}$	1.6.	10.3 $\frac{3}{4}$	9.10 $\frac{1}{2}$	
<u>RATE POUNDAGE</u>								
L	Net cost equivalent rate in the £.	6.13d.	6.13d.	1.43d.	1.11d.	7.56d.	7.24d.	
M	Percentage of L to total rate in the £.	4.03%	4.03%	0.94%	0.73%	4.97%	4.76%	

The following extracts are taken from the Ministry of Health's Costing Returns for the year ended 31st March, 1936, on Public Cleansing compiled from returns furnished by 357 Local Authorities.

Average weight of refuse per 1,000 population per day (365 days to year) for the year 1935-36.

A.116.	Areas in which 80 per cent or more of the refuse was actually weighed	.....	14.9 cwts	<u>Work sop</u> <u>March, 1938.</u>
B.228.	Areas where weight was based on test weighings or wholly estimated	.....	17.7 cwts	17.65 cwts.

Non-County Boroughs.

	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
Average nett expenditure per ton (Collection)	0.	8.	9.	0.	7.	5.
" " " " (Disposal)	0.	3.	11.	0.	1.	8 ³ / ₄ .
" " " " per 1,000						
Population (Collection)	126.	0.	0.	119.	7.	0.
" " expenditure per 1,000 population (Disposal)	57.	0.	0.	27.	15.	2.
" " expenditure per 1,000 houses (Collection)	465.	0.	0.	418.	5.	0.
" " " per 1,000 houses (Disposal)	211.	0.	0.	97.	5.	8.

Collection and Salvage of Waste Paper and Cardboard.

During the year ended 31st March, 1938, 56 tons 3 qrs. 2 lbs. of newspapers and 50 tons 4 cwts. 26 lbs. of mixed paper and cardboard were sorted and baled, making a total of 106 tons 5 cwts.

The income from the sale of these materials realised £111.15.2. and the expenditure (including the cost of a baling press - £18.0.0d.) amounted to £136.5.9d..

These costs are included in the table showing costs for the Collection of House and Trade Refuse.

FACTORY AND WORKSHOPS ACT, 1901.

FACTORIES, WORKSHOPS AND WORKPLACES.

1. Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors.

<u>Premises.</u>	<u>Inspections</u>	<u>Written & Verbal Notices.</u>	<u>Occupiers Prosecuted.</u>
Factories (including Factory Laundries)	31	5	-
Workshops (including Workshop Laundries)	56	7	-
Workplaces (other than Outworkers' premises)	2	0	-
Totals	89	12	-

2. Defects found in Factories, Workshops and Workplaces.

<u>Particulars.</u>	<u>Found</u>	<u>Reme- died</u>	<u>Referred to H.M. Inspector</u>	<u>No. of offences in respect to which Prosecu- tions were in- stituted.</u>
Nuisances under the Public Health Acts:				
Want of Cleanliness ...	2	2	-	-
Want of Ventilation ...	2	2	-	-
Overcrowding ...	-	-	-	-
Want of drainage of floors	-	-	-	-
Other nuisances ...	3	3	-	-
Sanitary accommodation insufficient ...	-	-	-	-
Sanitary accommodation un- suitable or defective	5	5	-	-
Sanitary accommodation not separate for sexes ...	-	-	-	-
Offences under Factory and Workshops Acts:				
Illegal occupation of under- ground bakehouse	-	-	-	-
Other Offences ...	-	-	-	-
	12	12	-	-

HOUSING STATISTICS.

1. Inspection of Dwelling-houses during the year :-

(1)(a)	Total number of dwelling-houses inspected for housing defects (under the Public Health of Housing Acts)	....	....	....	384
(b)	Number of inspections made for the purpose				401
(2)(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	....	....	....	108
(b)	Number of inspections made for the purpose				113
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	....		92
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	....	....		205

2. Remedy of defects during the Year without service of formal notices:-

	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	155
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3. Action under Statutory Powers during the year :-

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.			
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	....		14
(2)	Number of dwelling-houses which were rendered fit after service of formal notices:-			
(a)	By owners	....	....	7
(b)	By local authority in default of owners			0
(b)	Proceedings under Public Health Acts:			
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	....	....	11
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:-			
(a)	By Owners	....	....	11
(b)	By local authority in default of owners			0

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:				
(1)	Number of dwelling-houses in respect of which demolition orders were made	....	....	35
(2)	Number of dwelling-houses demolished in pursuance of demolition orders	....	....	42
(d) Proceedings under Section 12 of the Housing Act, 1936:				
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made			0
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	....	....	0

4. Housing Act, 1936, Part IV. Overcrowding.

(a) 1. Number of dwelling-houses overcrowded at the end of the year				
		....	....	45
	2. Number of families dwelling therein		....	46
	3. Number of persons dwelling therein		....	387
(b) Number of new cases of overcrowding reported during the year				
		..	....	24
(c) 1. Number of cases of overcrowding relieved during the year				
		....	....	79
	2. Number of persons concerned in such cases		..	485

I N D E X.

Antitoxin Supply	.....	.....	..	24
Ashbins and Ashpits	.....	.....	..	31
Births	.....	.....	..	4, 8
Canal Boats Acts	.....	.....	..	39
Cinemas and Assembly Halls	.....	.....	..	39
Closet Accommodation	.....	.....	..	15,31
Committees	.....	.....	..	2
Common Lodging Houses	.....	.....	..	34
Cowsheds and Dairies	.....	.....	..	37,38
Death Rate	.....	.....	..	4
Deaths, Causes of	.....	.....	..	5
Disinfection	.....	.....	..	38,39
Drainage and Sewerage	.....	.....	..	14
Eradication of Bed Bugs	.....	.....	..	33,34
Factories and Workshops Act, 1901	.....	.....	..	46
Fish Shops and Stalls	.....	.....	..	37
Food Inspection	.....	.....	..	19
Food and Drugs	.....	.....	..	22
Health Visiting	.....	.....	..	8
Health Services	.....	.....	..	12
Housing Statistics and Conditions	.....	.....	17,32,33,47,48	
Ice Cream	.....	.....	..	36
Illegitimate Births	.....	.....	..	3
Infant Mortality	.....	.....	..	6
Infectious Diseases	.....	.....	..	24,38
Maternity and Child Welfare:	.....	.....	..	8
Ante-Natal Clinic	.....	.....	..	10
Ante-Natal Service	.....	.....	..	8
Child Life Protection	.....	.....	..	11
Child Welfare Clinic	.....	.....	..	11
Consultant Service	.....	.....	..	11
Dental Treatment	.....	.....	..	10,11
Health Visiting	.....	.....	..	8
Home Helps	.....	.....	..	10
Hospital Treatment	.....	.....	..	10
Infant Welfare Centres	.....	.....	..	8
Infectious Diseases	.....	.....	..	24,38

Maternity and Child Welfare: Cont'd

Maternal Deaths	.....	.....	..	10
Maternity Outfits	.....	.....	..	10
Measles .....	.....	.....	..	9
Midwives ..	.....	.....	..	10
Ophthalmia Neonatorum	.....	.....	..	9
Orthopaedic Treatment	.....	.....	..	11
Provision of Dentures	.....	.....	..	10
Supply of Milk and Food ...	.....	.....	..	9
Tonsils and Adenoids ...	.....	.....	..	11
Whooping Cough	.....	.....	..	9
Meat and other Foods	.....	.....	20,21,35,36	
Meat Shops, Stalls, Stores and Vehicles			..	36
Milk Samples	.....	.....	..	23
Milk Supply, Veterinary Inspection	.....		19 et seq	
Offensive Trades	.....	.....	..	38
Overcrowding	.....	.....	..	17,48
Population	.....	.....	..	4,8
Public Baths	.....	.....	..	15
Public Cleansing	.....	..	15,41,42,43,44,45	
Rag Flock Acts	.....	.....	..	37
Rateable Value	.....	.....	..	3
Rats and Mice (Destruction) Act, 1919	..		39 et seq	
Sanitary Circumstances	.....	.....	12,29,30,31	
Sanitary Inspection	.....	.....	29,30,31	
Schools	.....	.....	..	39
Shops Act, 1934	.....	.....	..	37
Slaughter of Animals Act, 1933		.....	..	36
Slaughter-houses	.....	.....	..	36
Smoke Nuisances	.....	.....	..	38
Staff	.....	.....	..	2
Statistical Summary	.....	.....	..	3
Tuberculosis	.....	.....	..	25
Vans	.....	.....	..	18,39
Vital Statistics	.....	.....	..	3,7
Waste Paper and Cardboard	.....	.....	..	45
Water Closets	.....	.....	..	31
Water Supply	.....	.....	12,13,14	

